

United States Environmental Protection Agency

Office of Emergency Management National Decontamination Team Cincinnati, Ohio 41018

January 2010

Aerial Radiological Survey of the Grants and Cebolleta Land Grant Areas in New Mexico

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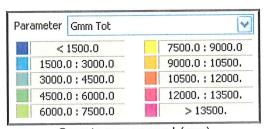
Dynamac Corporation



CONTRACT NO.: EP-W-06-089
Decontamination Analytical and Technical Service (DATS) Contract

Grants Area Grants Central Area Survey Gamma Count Rate Contour Map October 10, 2009

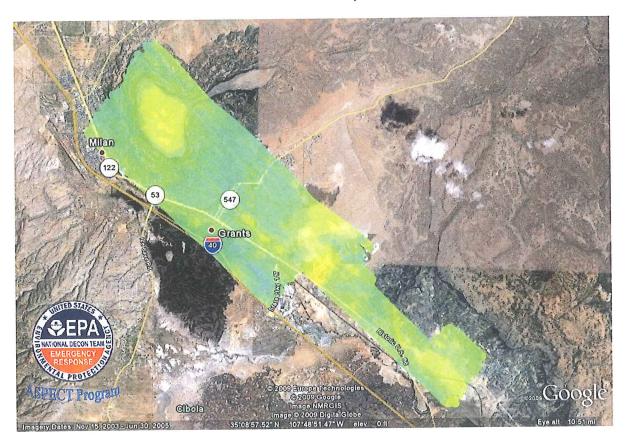


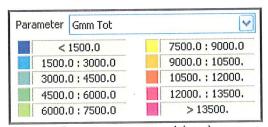


Counts per second (cps)

The colors were selected to maximize the variation within the data for illustration purposes only.

Grants Area Grants South Area Survey Gamma Count Rate Contour Map October 9, 2009



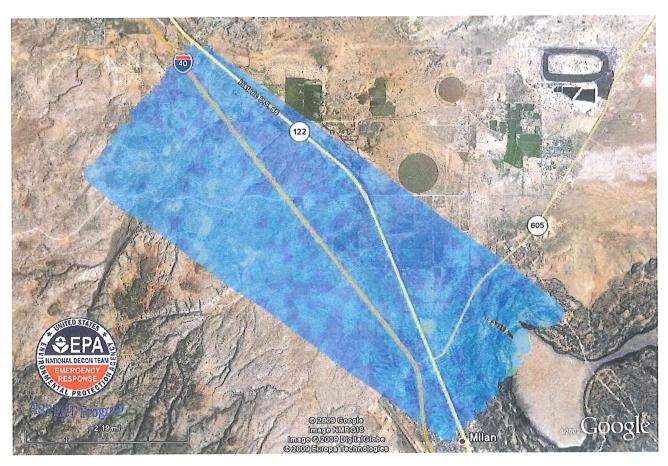


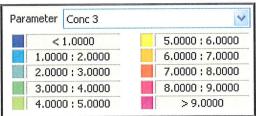
Counts per second (cps)

The increased count rate activity in the northwest 'lava lake' is an **artifact** produced by a "**topography effect**" where additional counts are detected as a result of large changes in the surface elevation and terrain.

This image should not be used independently to assess potential health risks. Additional information is necessary to make appropriate health-related decisions.

Grants Area Grants Area Central Portion Survey Uranium Concentration Contour Map October 10, 2009

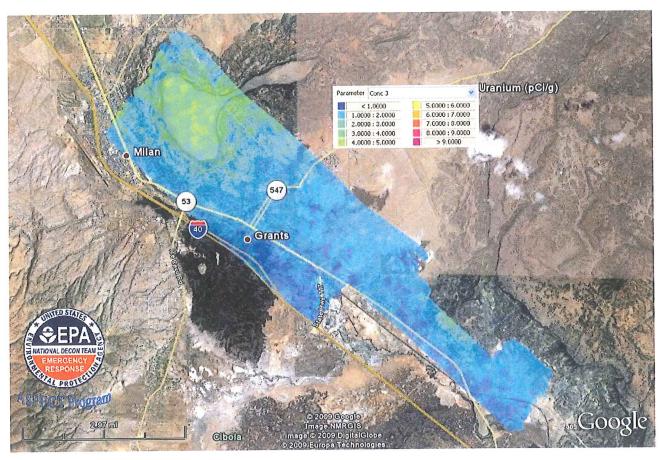


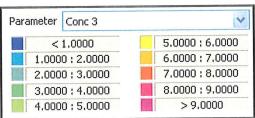


Soil concentration in pCi/g

The colors were selected to maximize the variation within the data for illustration purposes only.

Grants Area Grants Area South Survey Uranium Concentration Contour Map October 9, 2009





Soil concentration in pCi/g

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Rapid elevation changes surrounding the "lava lake" in the northwest region of this picture cause apparent increase in uranium concentrations in this area.

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